| Index of Claims |
|-----------------|
|                 |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/770,402      | GRAHAM ET AL. |
| Examiner        | Art Unit      |
| LOHA BEN        | 2873          |

| 7 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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| Cla         | im       | -            | Tale           |          |  |                |          |                |          |                 |
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| Final       | ig.      | 2/25/04      |                |          |  |                |          |                |          | - 1             |
| III.        | Ē        | Š            |                |          |  |                |          |                |          |                 |
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|             | 1        | M)           | 1              |          |  |                |          |                |          |                 |
|             | 2        | 0            |                |          |  |                |          |                |          |                 |
|             | 3        | 3            |                | Г        |  |                |          |                |          | ヿ               |
|             | 4        | 0            | _              | Η-       | $\vdash$                               |                |          | $\neg$         |          | $\dashv$        |
| $\vdash$    | 5        | o            | -              | Н        | $\vdash$                               |                | Н        | $\dashv$       |          | ⊣               |
|             | 6        | _            | $\vdash$       | Н        | ⊢                                      | $\blacksquare$ | $\vdash$ | $\dashv$       | _        | $\dashv$        |
|             |          | 0            | H              | Н        | <u> </u>                               | Н              | -        | $\vdash$       | _        | $\dashv$        |
|             | 7        | ٥            | _              | Н        | L-                                     | Щ              |          | $\blacksquare$ |          | $\dashv$        |
|             | 8        | 0            |                |          | _                                      |                |          | Щ              |          | $\blacksquare$  |
|             | 9        | 1            |                |          |  |                |          |                |          |                 |
|             | 10       | 1            |                |          |  |                |          |                |          |                 |
|             | 11       | Г            |                |          |  |                |          |                |          |                 |
|             | 12       |              | T              |          |  |                |          |                |          | $\neg$          |
|             | 13       |              | $\vdash$       |          | Г                                      | П              |          |                |          | $\neg$          |
| <b>-</b>    | 14       | $\vdash$     | Ι-             | Т        |  | H              |          | $\vdash$       |          | $\dashv$        |
|             | 15       | 1            | $\vdash$       | $\vdash$ | $\vdash$                               | H              | $\vdash$ | Н              | $\vdash$ | $\dashv$        |
| <del></del> | 15       | ├-           | -              | -        | $\vdash$                               | $\vdash$       | Н        |                | -        | $\dashv$        |
| <u> </u>    | 16       | $\vdash$     | -              | _        | $\vdash$                               | Н              | Н        | Н              | Н        | $\dashv$        |
| <u> </u>    | 17       | <u> </u>     | -              | <u> </u> | $\vdash$                               | $\vdash$       | ш        | ш              | ш        | Ш               |
|             | 18       | _            | _              | _        | _                                      | <u> </u>       |          | Ш              |          | ш               |
|             | 19       |              |                |          |  |                |          |                |          |                 |
|             | 20       |              |                |          |  |                |          |                |          |                 |
|             | 21       |              |                | Г        | Г                                      |                |          |                |          |                 |
|             | 22       | İ            |                |          |  |                |          |                |          | П               |
| <b>-</b>    | 23       | ┢            | -              | 1        | $\vdash$                               | П              | _        | _              |          | Н               |
| -           | 24       | ┢            | $\vdash$       | ├-       | -                                      | _              | -        | Н              | $\vdash$ | Н               |
|             | 25       | -            | <del> </del>   | ⊢        | ⊢                                      |                | -        | H              | Н        | Н               |
|             | 25       | ├-           | <b>!</b>       | <u> </u> | ⊢                                      | -              | -        | $\vdash$       | $\vdash$ | $\vdash \vdash$ |
| <u> </u>    | 26       | <u> </u>     | <u> </u>       | L        | <u> </u>                               | _              | _        | Н              | Н        | Н               |
| <u> </u>    | 27       | <u> </u>     | _              | L        | L                                      | _              |          |                |          | Ш               |
|             | 28       |              | <u> </u>       |          |  |                |          |                |          | ш               |
|             | 29       | Ι_           |                | L.       |  |                |          |                |          |                 |
|             | 30       | Π            | Γ              | I -      |  |                |          |                |          |                 |
|             | 31       | 1            |                | Г        | Г                                      |                | Г        | П              |          | П               |
|             | 32       | $\vdash$     | 1              | Г        | 1                                      | Г              |          | Г              |          | П               |
| $\vdash$    | 33       | 1            | 1              | $\vdash$ | $\vdash$                               |                | Н        | Н              | Н        | Н               |
| -           | 34       | -            | 1              | -        | ├-                                     | -              | $\vdash$ | $\vdash$       | $\vdash$ | Н               |
|             | 34       | ⊢            | -              | -        | ⊢                                      | $\vdash$       |          | $\vdash$       | -        | $\vdash$        |
| <b>├</b>    | 35       | <del> </del> | <del> </del>   | <u> </u> | -                                      | -              | ├        | H              | $\vdash$ | Н               |
|             | 36       | 1            | _              | <u> </u> | ⊢                                      | <b>-</b>       | <u> </u> | $\vdash$       | $\vdash$ | Н               |
|             | 37       | ╙            | _              | <u> </u> | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ |                | Щ        | _              | Ш        | Ш               |
| <u></u>     | 38       | $oxed{oxed}$ | _              | L        | L.                                     |                | Щ        | _              | Ш.       | Ш               |
| L           | 39       |              |                |          |  | $\Box$         |          |                | $\Box$   | Ш               |
|             | 40       |              |                |          |  |                |          |                |          |                 |
|             | 41       |              | }              | Г        | П                                      | Γ              |          | Г              | Г        |                 |
|             | 42       | Τ            |                |          | Т                                      | Т              |          | Т              | П        | П               |
|             | 43       | 1            | 1              | $\vdash$ | $\vdash$                               | 1              | Н        |                | Н        | Н               |
| $\vdash$    | 44       | $\vdash$     | $\vdash$       | $\vdash$ | -                                      | $\vdash$       | $\vdash$ |                | -        | Н               |
|             |          | ┼-           | <del>  -</del> |          | -                                      | ┢              |          | -              | -        | Н               |
| <b></b>     | 45       | ├            | ├-             | ₩        |  | ١              | -        | ├-             | -        | Н               |
|             | 46       | 1_           | <b>!</b>       | <b>L</b> | 1_                                     | <u> </u>       | <b>L</b> | _              | <u> </u> | Ш               |
| L           | 47       | _            | <u> </u>       | _        | _                                      | <u> </u>       |          | <b>_</b>       | _        | Ш               |
|             | 48       | L            |                | L        |  | L              |          |                |          |                 |
|             | 49       |              |                |          |  |                | Γ        |                |          | П               |
|             | 50       |              |                | Г        | T                                      | 1              | П        | Г              |          | П               |

|  |          |          |          |          |              | •        | _        | _        |  |          |
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| Final  | Original |          |          |          |              |          |          |          |  |          |
|  | 51       |          |          |          |              |          |          |          |  | ╗        |
|  | 52       |          |          |          |              |          |          |          |  |          |
|  | 53       |          |          |          |              |          |          |          |  |          |
|  | 54       |          |          |          |              |          |          |          |  |          |
|  | 55       |          |          |          |              |          |          |          |  |          |
|  | 56       |          | _        |          | _            | Ш        | Ш        |          | Ш  |          |
| <u> </u>   | 57       |          | _        | Ш        |              |          | Ш        | Щ        | Ш  |          |
|  | 58       |          | $\dashv$ | _        | $\vdash$     |          | $\vdash$ | _        | Н  | Щ        |
|  | 59       |          | _        | Щ        |              |          | $\Box$   | Н        | Н  |          |
| <u> </u>   | 60       | Н        | -        |          | Н            |          | Н        | Н        | Н  | _        |
|  | 61       | -        |          |          | Н            | Н        | Н        | -        | Н  | -        |
| <del> </del>                                     | 62<br>63 | Н        | -        |          | Н            | Н        | Н        | Н        | $\vdash$   | H        |
| ├  | 64       | Н        | Н        | Н        | H            | Н        | Н        |          | Н  | Н        |
| <del> </del>                                     | 65       | $\vdash$ | $\dashv$ | $\vdash$ | H            | Н        | Н        | Н        | $\vdash$   | $\vdash$ |
| <del>                                     </del> | 66       |          |          |          |              | П        |          | _        |  |          |
| _  | 67       | Н        |          |          | Н            | П        |          |          | П  |          |
|  | 68       | Н        |          | _        | Н            | П        | П        |          |  |          |
|  | 69       |          |          |          |              |          |          |          |  |          |
|  | 70       |          |          |          |              |          |          |          |  |          |
|  | 71       |          |          |          |              |          |          |          |  |          |
|  | 72       |          |          |          |              |          |          |          |  |          |
|  | 73       |          |          |          |              |          |          |          |  |          |
|  | 74       | Ш        |          | _        |              |          | Ц        |          |  |          |
| <u> </u>   | 75       | Ш        |          |          | Ш            |          | Ц        |          | L  | L        |
|  | 76       | Ш        |          |          | L-           | _        | Щ        |          | $\vdash$   | _        |
| <u> </u>   | 77       | Ш        |          | Ш        | $\vdash$     | _        | Н        |          | _  | _        |
| <u> </u>   | 78<br>79 | Н        |          | Н        | ⊢            | Н        | Н        |          | $\vdash$   | H        |
|  | 80       | Н        |          | -        | -            |          | -        | -        |  | _        |
| $\vdash$   | 81       | Н        |          | -        | -            | ŀ-       | Н        |          | $\vdash$   | ⊢        |
|  | 82       | $\vdash$ | -        | $\vdash$ | $\vdash$     | -        | Н        |          | $\vdash$   | -        |
| $\vdash$   | 83       | Н        | Н        | $\vdash$ | ┢            |          |          |          | Н  | -        |
|  | 84       | Н        | Н        | Н        | Н            | Г        |          |          | Н  | _        |
|  | 85       |          |          |          |              | Г        |          |          |  |          |
|  | 86       |          |          |          |              |          |          |          |  |          |
|  | 87       |          |          |          |              |          |          |          |  |          |
|  | 88       |          |          |          |              |          |          |          |  |          |
|  | 89       |          |          |          | L            |          |          | Ŀ        | L  | L.       |
| <u> </u>   | 90       | Ш        |          | L        | _            | <u> </u> | Ш        | <u> </u> | L  | L        |
| <u> </u>   | 91       | Ш        | L        | $\vdash$ | <u> </u>     | L        | $\vdash$ | $\vdash$ | $\vdash$   | <b>!</b> |
| <b>⊢</b>   | 92       | _        | ┡-       | ⊢        | <u> </u>     | ┡        |          | ├-       | -  | ├        |
| <u> </u>   | 93       | $\vdash$ | $\vdash$ | ├-       | -            | -        | ⊢        | ├-       | ├-   | -        |
|  | 94<br>95 | -        | ⊢        | $\vdash$ | -            | -        | -        | $\vdash$ | $\vdash$   | $\vdash$ |
| <u> </u>   | 96       | $\vdash$ | $\vdash$ | $\vdash$ | -            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | -        |
| $\vdash$   | 97       | -        | ⊢        | -        | ⊢            | $\vdash$ | $\vdash$ | Η-       | $\vdash$   | $\vdash$ |
| <u> </u>   | 98       | Н        | $\vdash$ | $\vdash$ | <del> </del> | $\vdash$ |          | Н        | $\vdash$   | -        |
| $\vdash$   | 99       | Н        | $\vdash$ | Н        | _            | 1        | 1        | Н        | <del>                                     </del> | <u> </u> |
|  | 100      | -        | <b>—</b> | -        | ₩-           | •        | -        | ⊢        | ⊢  | -        |

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| Ci           | nim        |              |              |          |          | ate      |          |          | _        | $\neg$       |
| - 3          |            |              |              |          | آ        |          |          |          |          | $\dashv$     |
| =            | Original   | 1            |              |          |          |          |          |          |          |              |
| Final        | įĝ         |              |              |          |          |          |          |          |          |              |
| _ [          | 0          |              |              |          |          |          |          |          |          |              |
|              | 101        | П            |              |          |          |          |          |          |          |              |
|              | 102        | П            |              |          |          | П        |          |          |          | П            |
|              | 103        |              |              |          |          |          |          |          |          |              |
|              | 104        | П            |              |          |          |          |          |          |          |              |
|              | 105        |              |              |          |          |          |          |          |          |              |
|              | 106        |              |              |          |          |          |          |          |          |              |
|              | 107        |              |              |          |          |          |          |          |          |              |
|              | 108        |              |              |          |          |          |          |          |          |              |
|              | 109        |              |              |          |          |          |          |          |          | Ш            |
|              | 110        |              |              |          |          |          |          |          |          | Щ            |
|              | 111        | Ш            |              |          |          |          |          |          | Щ        | Ш            |
|              | 112        | Ш            |              | Ш        | Ш        |          |          |          | _        | Ш            |
|              | 113        | Ш            |              | Щ        |          | _        | _        | Щ        |          | Щ            |
|              | 114        | Ш            |              | L        | $\vdash$ | $\vdash$ |          | Ш        | Ш        | -            |
| <u> </u>     | 115        | Н            | H            | Ь-       | Н        | $\vdash$ | -        | $\vdash$ | $\vdash$ |              |
|              | 116        | -            | _            | -        | _        | H        | $\vdash$ | H        | -        | Н            |
|              | 117        | H            | -            | -        | ⊢        | -        |          | ⊢        | ⊢        | Н            |
| <b>-</b>     | 118        | -            | H            | Н        | $\vdash$ | H        | $\vdash$ | $\vdash$ | H        | Н            |
| <del></del>  | 119<br>120 | H            | $\vdash$     | H        | $\vdash$ |          | ⊢        | -        | _        | Н            |
| <u> </u>     | 121        | -            | H            | -        | -        | Н        | $\vdash$ | ⊢        | H        | H            |
|              | 122        | $\vdash$     | H            | $\vdash$ | -        | $\vdash$ | $\vdash$ | -        | -        | Н            |
| ┝            | 123        | $\vdash$     | -            | ┝        | -        | ┢        | H        | $\vdash$ | H        | H            |
| $\vdash$     | 124        |              | $\vdash$     | -        |          | -        | -        | -        | $\vdash$ | -            |
| $\vdash$     | 125        | $\vdash$     |              | Н        | $\vdash$ | -        | -        | ┢        | _        | Н            |
| ┢            | 126        |              | H            | Н        | H        | ⊢        | -        | -        | $\vdash$ | _            |
| <del> </del> | 127        |              | _            | -        | _        | Н        |          |          |          |              |
|              | 128        |              | -            | Н        | _        | Г        |          | Н        |          |              |
| $\vdash$     | 129        |              | Н            | _        | $\vdash$ | ┢        | _        |          | Г        |              |
| _            | 130        |              |              |          |          |          |          |          | Г        |              |
|              | 131        |              | Г            | _        | Г        | Н        |          | Г        | Г        |              |
|              | 132        | Г            | Т            |          |          |          |          |          | Г        |              |
|              | 133        |              |              | Г        | Г        | Г        | Г        | Г        | Г        |              |
|              | 134        |              |              |          |          | П        |          |          |          |              |
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|              | 137        | oxdot        |              |          |          |          |          |          |          |              |
|              | 138        | L            | _            | L        | _        | L        | _        | 乚        | L        | _            |
|              | 139        | L            | _            | 匚        | L_       | L        | ╙        | Ļ        | <u> </u> | _            |
|              | 140        | _            | L            | _        | <u> </u> | <u> </u> | ᆫ        | 匚        | L        | <u> </u>     |
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| -            | 145        | -            | ⊢            | <b>!</b> | -        | -        | ├-       | ⊢        |          | -            |
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| <u> </u>     | 148        | ⊢            | <del> </del> | ├-       | ├-       | ╀        | ╌        | ₩        | ⊢        | ├            |
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| Щ            | 150        | <u> </u>     | L            | 1_       | <u>ٺ</u> | _        | Ц.       | _        | ᆫ        |              |